

Title (en)
METHOD TO MEASURE SLAG LAYER THICKNESS ON A MOLTEN BATH AND APPROPRIATE DEVICE FOR USE OF SAID METHOD

Title (de)
VERFAHREN ZUR MESSUNG DER SCHLACKENSCHICHTDICKE AUF EINER METALLSCHMELZE SOWIE ZUR DURCHFÜHRUNG DES VERFAHRENS GEEIGNETE VORRICHTUNG

Title (fr)
PROCEDE POUR MESURER L'EPAISSEUR DE LA COUCHE DE SCORIES SUR UNE MASSE DE METAL EN FUSION, ET DISPOSITIF POUR LA MISE EN OEUVRE DE CE PROCEDE

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Application
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Abstract (en)
[origin: DE19640723A1] The invention relates to a method to measure slag layer thickness on a molten bath. According to said method a probe fitted with an optical measuring head is moved through the slag layer and the position of the probe is determined so that the various optical characteristics of the molten bath, slag and air and/or the different temperature curves in the molten bath are measured as measurement quantities by the probe and thus the molten bath-slag and slag-air transitions are recorded. The invention relates to a device enabling said method to be used. Said device comprises a probe with a measuring head, which measures the intensity of an electromagnetic radiation in a given wavelength region of the optical spectrum.

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